

**In the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 97.       **(Cancelled)**

98.       **(Currently Amended)** A method of ~~displacing~~ operating a pumping assembly comprising ~~the steps of~~:

- (a)       energizing a coil assembly;
- (b)       ~~displacing~~ the to displace a pumping assembly from an initial position via the energizing of the coil assembly, to cause thereby causing a first pumping motion;
- [(b)] (c)     storing energy in a capacitor coupled to the coil assembly; [[and]]
- [(c)] (d)     discharging the energy from the capacitor to the coil assembly; and
- (e)       ~~displacing to displace~~ the pumping assembly to the initial position via the discharging of the energy from the capacitor to the coil assembly, to cause thereby causing a second pumping motion.

99.       **(Currently Amended)** The method of claim 98, wherein ~~the energy is first stored in the coil assembly, and then discharged from~~ storing energy in the capacitor coupled to the coil assembly includes discharging the coil assembly to charge the capacitor.

100.      **(Currently Amended)** An electrical circuit for providing power to a coil of a fuel injection device, comprising:

    a capacitor; and  
    electrical circuitry ~~operable to~~ selectively [[couple]] coupling the coil to a power source ~~to enable thereby enabling~~ current to flow from [[a]] the power source through the coil in a first direction to provide power to the fuel injection device, and selectively coupling the coil to the capacitor thereby enabling current to flow from the coil to the capacitor thereby charging the capacitor from the coil, and [[to]] selectively [[couple]] coupling the coil to the capacitor ~~to enable thereby enabling~~ current to flow from the capacitor through the coil in a second direction to provide power to a fuel injection device.

101.-102.      **(Canceled)**

103. **(Previously Presented)** The electrical circuit as recited in claim 100, further comprising the coil.

104. **(Previously Presented)** The electric circuit as recited in claim 100, wherein the electrical circuitry comprises electronic switching devices operable to selectively complete and open conductive paths between the power source, coil, and capacitor.

105. **(Canceled)**

106. **(Currently Amended)** The method as recited in claim [[105]] 108, wherein the motion of the first portion of the fuel pump in the first linear direction causes fuel [[is]] to be injected into a combustion chamber by a second portion of the fuel pump as the first portion of the fuel pump is driven in the first linear direction.

107. **(New)** The electrical circuit of claim 100 wherein selectively coupling the coil to the capacitor thereby enabling current to flow from the coil to the capacitor also discharges the coil.

108. **(New)** A method of operating a fuel pump, comprising:  
causing current to flow through a coil in a first direction;  
causing motion of a first portion of the fuel pump in a first linear direction via the current flowing in the first direction;  
applying power to a capacitor to charge the capacitor;  
discharging the capacitor through the coil;  
causing current to flow through the coil in a second direction via discharging the capacitor;  
causing motion of the first portion of the fuel pump in a second linear direction, opposite the first linear direction, via the current flowing in the second direction.